

FIG. 1

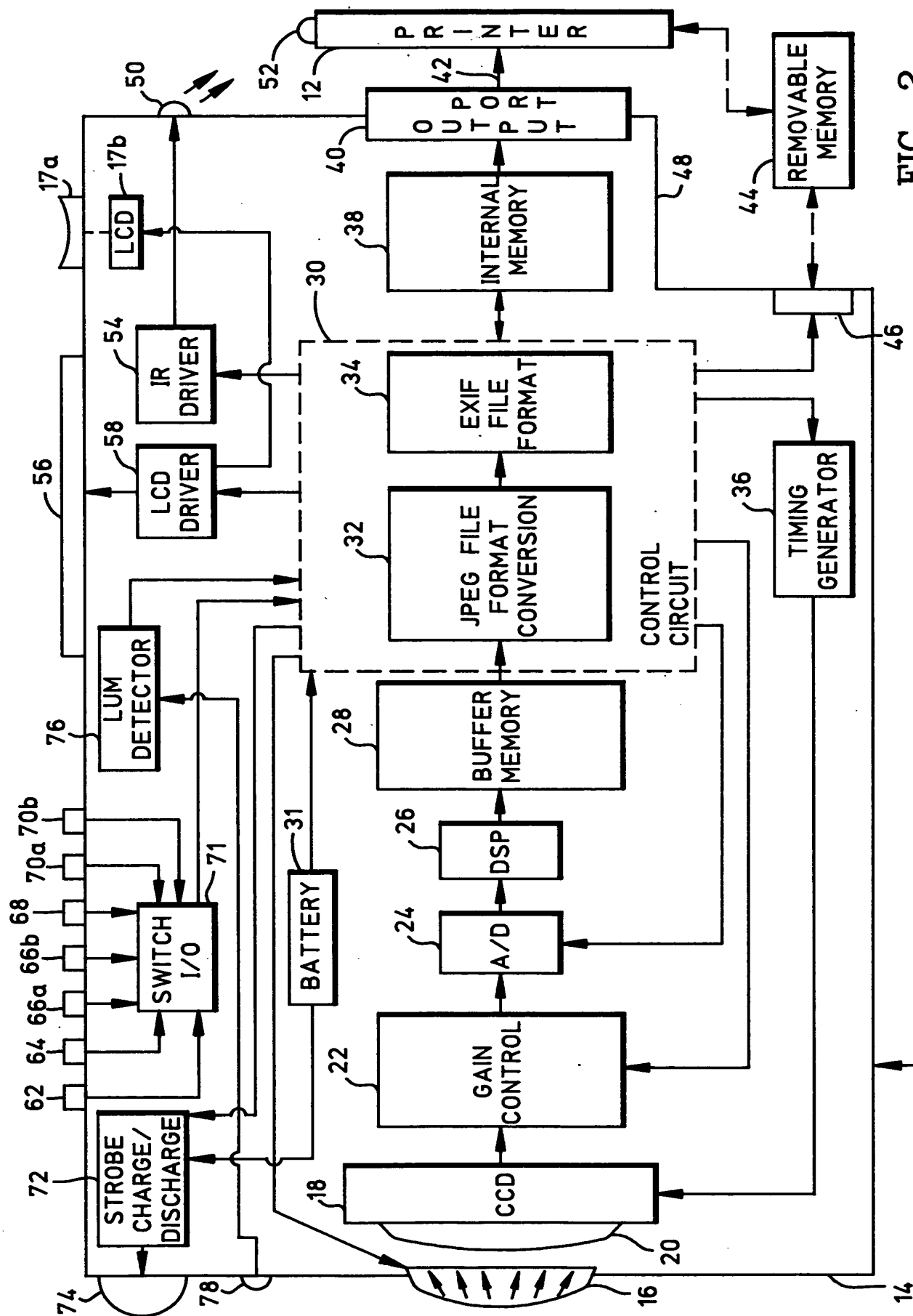


FIG. 2

006260-64992960

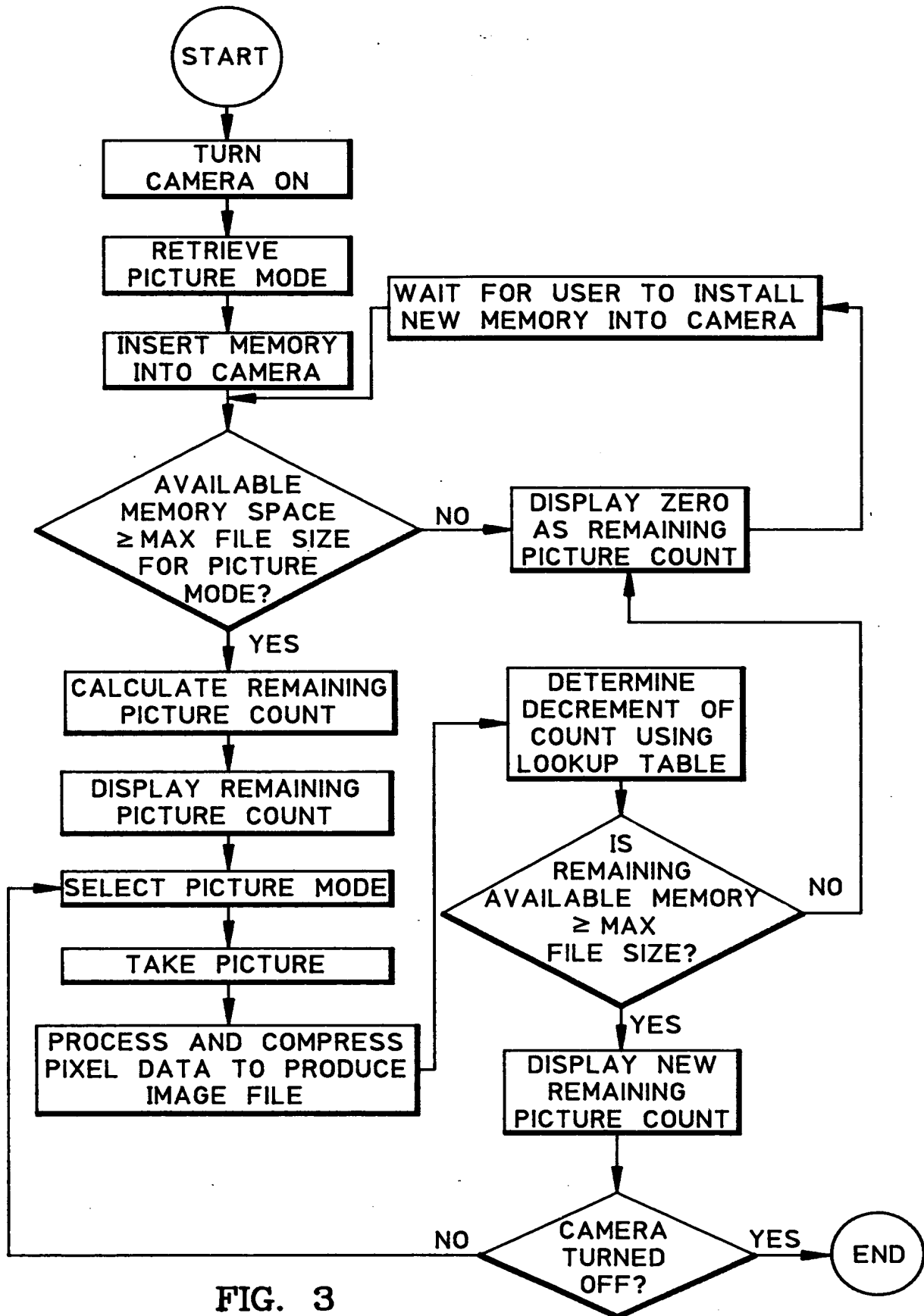


FIG. 3

COMPRESSED IMAGE FILE SIZE	PICTURE COUNT DECREMENT	IMAGE FILE SIZE COMMENTS
100KB	0	MINIMUM
200KB	0	
300KB	0	
400KB	0	
500KB	1	
600KB	1	AVERAGE
700KB	1	
800KB	1	
900KB	2	
1000KB	2	
1100KB	2	
1200KB	2	
1300KB	3	
1400KB	3	MAXIMUM

FIG. 4

MEMORY ADDRESS (HEX)	MEMORY ADDRESS (BINARY)	CF FREE SPACE
xxxx001H	xxxx 0000 0000 0001	MAX 3D
xxxx002H	xxxx 0000 0000 0010	MAX 3D + AVG 3D
xxxx003H	xxxx 0000 0000 0011	MAX 3D + 2 x AVG 3D
xxxx004H	xxxx 0000 0000 0100	MAX 3D + 3 x AVG 3D
xxxx005H	xxxx 0000 0000 0101	MAX 3D + 4 x AVG 3D
xxxx3E6H	xxxx 0011 1110 0110	MAX 3D + 997 x AVG 3D
xxxx3E7H	xxxx 0011 1110 0111	MAX 3D + 998 x AVG 3D
xxxx401H	xxxx 0100 0000 0001	MAX 2D
xxxx402H	xxxx 0100 0000 0010	MAX 2D + AVG 2D
xxxx403H	xxxx 0100 0000 0011	MAX 2D + 2 x AVG 2D
xxxx404H	xxxx 0100 0000 0100	MAX 2D + 3 x AVG 2DX
xxxx405H	xxxx 0100 0000 0101	MAX 2D + 4 x AVG 2D
xxxx7E6H	xxxx 0111 1110 0110	MAX 2D + 997 x AVG 2D
xxxx7E7H	xxxx 0111 1110 0111	MAX 2D + 998 x AVG 2D
xxxx801H	xxxx 1000 0000 0001	MAX 1D
xxxx802H	xxxx 1000 0000 0010	MAX 1D + AVG 1D
xxxx803H	xxxx 1000 0000 0011	MAX 1D + 2 x AVG 1D
xxxx804H	xxxx 1000 0000 0100	MAX 1D + 3 x AVG 1D
xxxx805H	xxxx 1000 0000 0101	MAX 1D + 4 x AVG 1D
xxxxBE6H	xxxx 1011 1110 0110	MAX 1D + 997 x AVG 1D
xxxxBE7H	xxxx 1011 1110 0111	MAX 1D + 998 x AVG 1D

FIG. 6

00000" 01992960

PICTURE MODE	MEMORY ADDRESS	CF FREE SPACE
ONE DIAMOND	xxxx	MAX 1D
ONE DIAMOND	xxxx + 1	MAX 1D + AVG 1D
ONE DIAMOND	xxxx + 2	MAX 1D + 2 x AVG 1D
ONE DIAMOND	xxxx + 3	MAX 1D + 3 x AVG 1D
• • • •		
ONE DIAMOND	xxxx + 3E7h	MAX 1D + 998x x AVG 1D
TWO DIAMONDS	xxxx + 401h	MAX 2D
	xxxx + 402h	MAX 2D+ AVG 2D

FIG. 7

000000 000000 000000

PICTURE COUNT	CF FREE SPACE	INCREMENTS
1	MAX	
2	MAX + AVG	
3	MAX + 2 x AVG	
4	MAX + 3 x AVG	
⋮		
20	MAX + 19 x AVG	
22	10 MB	2 MB
⋮	12 MB	2 MB
⋮	14 MB	2 MB
40	16 MB	4 MB
⋮	⋮	⋮
80	32 MB	8 MB
⋮	⋮	⋮
160	64 MB	16 MB
⋮	⋮	⋮
320	128 MB	32 MB
⋮	⋮	⋮
640	256 MB	64 MB
⋮	⋮	⋮
999	512 MB	128 MB
⋮	⋮	⋮
999	1024 MB	

FIG. 8

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graph TD
    Start([POWER ON]) --> Determine[DETERMINE  
CF FREE  
SPACE (FS)]
    Determine -- NO --> LookUp[LOOK UP  
COUNT BASED  
ON FS]
    LookUp --> Display[DISPLAY  
COUNT]
    Display --> PowerOff{POWER  
OFF?}
    PowerOff -- YES --> End([END])
    PowerOff -- NO --> PictureTaken{PICTURE  
TAKEN AND  
FS ≥ 8 MB?}
    PictureTaken -- YES --> Decrement[DECREMENT  
COUNT  
BY ONE]
    Decrement --> Display
    PictureTaken -- NO --> LookUp

```

END